

Hui/KAC



COMMONWEALTH OF MASSACHUSETTS  
PLYMOUTH DISTRICT

OFFICE OF THE DISTRICT ATTORNEY

MAIN OFFICE:

32 BELMONT STREET

P.O. BOX 1665, BROCKTON, MA 02303-1665

TEL: (508) 584-8120

FAX: (508) 586-3578

FAX TRANSMITTAL FORM

FAX NUMBER (508) 372-4555 583-318

TIMOTHY J. CRUZ  
DISTRICT ATTORNEY

TO: Coloria / Shirley

FROM: Julia Holliday

DATE: 5/7/12 TIME: 11:45am

NUMBER OF PAGES (including this cover page): 1

COMMENTS: Please provide lab notes  
pertaining to lab [REDACTED]

Thanks!

IF YOU DO NOT RECEIVE ALL OF THE PAGES, PLEASE CALL AS SOON AS  
POSSIBLE (508) 372-4500, 894-6340

JULIA HOLLIDAY  
PLYMOUTH COUNTY  
DISTRICT ATTORNEY'S OFFICE  
PLYMOUTH DISTRICT COURT  
62 OBERY STREET  
PLYMOUTH, MA 02360

Brockton Dist. Ct.  
215 Main St, Suite 310  
Brockton, MA 02301

**The Commonwealth of Massachusetts  
Executive Office of Health and Human Services  
Department of Public Health  
William A. Hinton State Laboratory Institute  
305 South Street, Jamaica Plain, MA 02130**

**DEVAL L. PATRICK  
GOVERNOR**

**TIMOTHY P. MURRAY  
LIEUTENANT GOVERNOR**

**JUDYANN BIGBY, MD  
SECRETARY  
JOHN AUERBACH  
COMMISSIONER**

5/18/2012

Julia Holliday  
Plymouth County District Attorney's Office

Dear ADA Holliday,

Enclosed is the information you requested in regards to item [REDACTED]

1. Curriculum Vitae for Hevis Lleshi and Kate Corbett
2. Drug Analysis Laboratory Receipt.
3. Control Cards with analytical results for sample [REDACTED]
4. Analysis sheets with custodial chemist's hand notations and test results.
5. GC/Mass Spectral analytical data for sample [REDACTED]

Hevis Lleshi was the custodial chemist and performed preliminary testing and net weight for this sample. Kate Corbett was the confirmatory chemist and analyzed the GC/MS data for this samples.

If you have any questions about these materials, please call me at the number below.

Sincerely,

Ms. Hevis Lleshi  
Chemist I  
Drug Analysis Laboratory  
Jamaica Plain, MA 02130  
(617) 983-6627

## Curriculum Vitae

Hevis Lleshi

### Education

Boston University School of Medicine – Master of Science, Forensic Science  
University of South Florida – Bachelor of Arts, Clinical Psychology

### Related Coursework

Forensic Chemistry • Forensic Toxicology • Forensic Pathology • Forensic DNA Analysis  
Organic / Analytical Chemistry • Forensic Biology • Biochemistry • Forensic Trace Evidence

### Employment

March, 2011 – Present  
Chemist I, Massachusetts Department of Public Health,  
Drug Analysis Laboratory

- Appointed Assistant Analyst by Assistant Commissioner of Public Health, June, 2011
- Responsible for the identification of substances to determine violation of harmful and narcotic drug laws of the Commonwealth of Massachusetts
- Trained in the use of complex analytical instrumentation for the purpose of forensic drug analysis
- Qualified as an expert witness in the Massachusetts Courts
- Notary Public

### Additional Training and Laboratory Experience

- DEA Forensic Chemist Training- Special Testing and Research Laboratory, VA, March 2012
- Completed ten-week training course conducted by Laboratory Senior Staff within the Department of Public Health, Drug Analysis Laboratory, 2011
- GC and GC/MS training with Restek, 2011
- Mock Court/Testimony Techniques, Boston University, 2009
- Instrumental Forensic Chemistry/Toxicology Laboratory, Boston University, 2009
- Serology/Bloodstain Pattern Analysis Techniques, Boston University, 2009

### Internship

Massachusetts State Police – Marine Section, Boston MA, 2009-2010

### Associations

- American Academy of Forensic Sciences (AAFS)
- Boston University Forensic Science Society (BUFSS)

# Curriculum Vitae

Kate A. Corbett

## Education

### **Bachelor of Science Degree, CHEMISTRY May 2003**

MERRIMACK COLLEGE

Coursework included: Organic Chemistry, Inorganic Chemistry, Quantitative Analysis, Instrumental Analysis, Physical Chemistry, Physics, Calculus

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## Employment

### **Chemist II State Laboratory Institute (March 2008-Present)**

Massachusetts Department of Public Health

Drug Analysis Laboratory

- Responsible for the identification of substance and trafficking substances to determine violation of the Massachusetts drug laws
- Responsible for the identification of pharmaceuticals to determine violation of the Massachusetts drug laws
- Operate analytical instrumentation, microscopes and balances for forensic drug analysis

### **Chemist I State Laboratory Institute (2005-March 2008)**

Massachusetts Department of Public Health

Drug Analysis Laboratory

- Responsible for the identification of substance to determine violation of the Massachusetts drug laws
- Operate analytical instrumentation for the purpose of performing forensic drug analysis
- Successfully completed an eight week training course in the analysis of drugs conducted by senior staff of the Department of Public Health, Drug Analysis Laboratory
- Appointed an assistant analyst for the Department of Public Health, Drug Analysis Laboratory in 2005.

### **Research Associate (September 2003 – August 2005)**

SENSOR TECHNOLOGIES, INC - Shrewsbury, MA

- Prepared chemistries used in making sensor beads
- Generated and examined sensors employing fluorescence spectroscopy
- Performed protein, dye and sugar assays using UV/VIS spectrophotometry
- Carried out titrations on ricin using fluorescence correlation spectroscopy
- Statistical analysis of experimental data

### **Intern (March 2003 – August 2003)**

MASSACHUSETTS STATE POLICE CRIME LABORATORY - Sudbury, MA

- Assisted in the gathering of case files to fulfill the National Institute of Justice's No Suspect Backlog Reduction Grant
- Observed in the Evidence, Criminalistics, DNA, Drug, Trace, Toxicology, and Bomb/Arson Units

PLEASE PRINT CLEARLY OR TYPE ALL INFORMATION

***The Commonwealth of Massachusetts***  
*Executive Office of Health and Human Services*

## *Department of Public Health*

### *State Laboratory Institute*

## Boston Drug Laboratory

Tel (617) 983-6622

Fax (617) 983-6625

### Amherst Drug Laboratory

Tel (413) 545-2601

Fax (413) 545-2608

### **Boston Hours**

## Amherst Hours

8:00 - 11:00

2:00 - 4:00

## DRUG RECEIPT

9:00 - 12:00

1:00 - 3:00

**City or Department:** Brockton Police Department **Police Reference No.:** \_\_\_\_\_

**Name and Rank of Submitting Officer:** DONOHUE, PATRICK S 380 DOC # R013933

**Defendant(s) Name (last,first,initial):**

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*To be completed by Submitter*

### Description of Items Submitted

*To be completed by Lab Personnel*

**Gross Weight**      **Lab Number**

1) UNK WHITE ROCK (LOOSE SUBST) (QTY: 1)  
PLASTIC BAG UNK WHITE ROCK (S18488 )

3.80 gm

Received By:

Date: 1/28/11

No. [REDACTED]

Date Analyzed:

2/17/12

City: Brockton Police Dept.

Officer: Detective PATRICK DONOHUE

Def: [REDACTED]

Amount:

Subst: SUB

No. Cont: 1 Cont: pb

Date Rec'd: 06/28/2011

No. Analyzed:

Gross Wt.: 3.80

Net Weight: 0.12 g

# Tests: 6

• 2 MAC

Prelim: Cocaine (HLL)

Findings:

Cocaine

# DRUG POWDER ANALYSIS FORM

SAMPLE #

AGENCY BrocktonANALYST HLL

No. of samples tested: \_\_\_\_\_

Evidence Wt. OKPHYSICAL DESCRIPTION:

Gross Wt ( ): \_\_\_\_\_

Gross Wt ( ): \_\_\_\_\_

Loose off white  
substance in evidence  
bog.

Pkg. Wt: \_\_\_\_\_

Net Wt: 0.1284gPRELIMINARY TESTSSpot TestsCobalt  
Thiocyanate ( ) + weak / + blue cloud

Marquis \_\_\_\_\_ -

Froehde's \_\_\_\_\_ -

Mecke's \_\_\_\_\_ -

Microcrystalline TestsGold  
Chloride \_\_\_\_\_ +

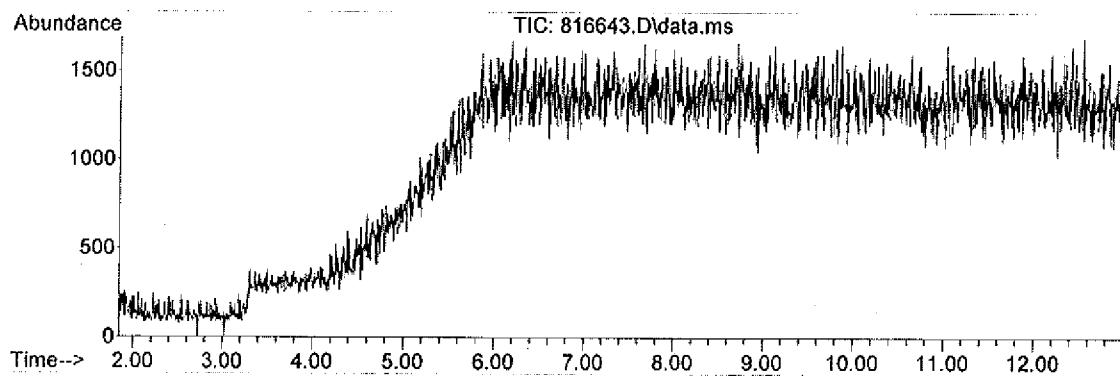
TLTA (-) + w/ cloud

OTHER TESTSPRELIMINARY TEST RESULTSRESULTS CocaineDATE 21/10/2012GC/MS CONFIRMATORY TESTRESULTS CocaineMS  
OPERATOR KACDATE 21/17/2012

VKAC  
5/14/12

## Information from Data File:

File Name : K:\02\_15\_12\816643.D  
Operator : KAC  
Date Acquired : 16 Feb 2012 16:42  
Sample Name : BLANK  
Submitted by :  
Vial Number : 2  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

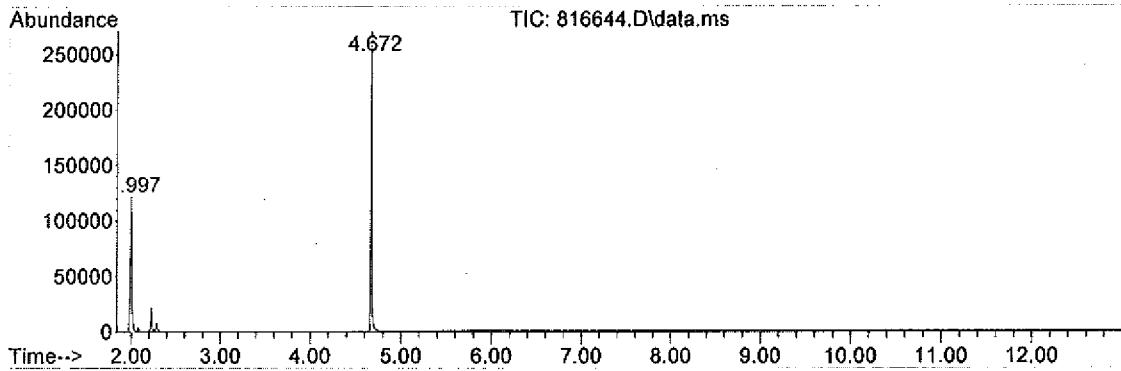


Ret. Time	Area	Area %	Ratio %
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\*\*\*NO INTEGRATED PEAKS\*\*\*

## Information from Data File:

File Name : K:\02\_15\_12\816644.D  
Operator : KAC  
Date Acquired : 16 Feb 2012 16:58  
Sample Name : COCAINE STD  
Submitted by :  
Vial Number : 80  
AcquisitionMeth: DRUGS.M  
Integrator : RTE



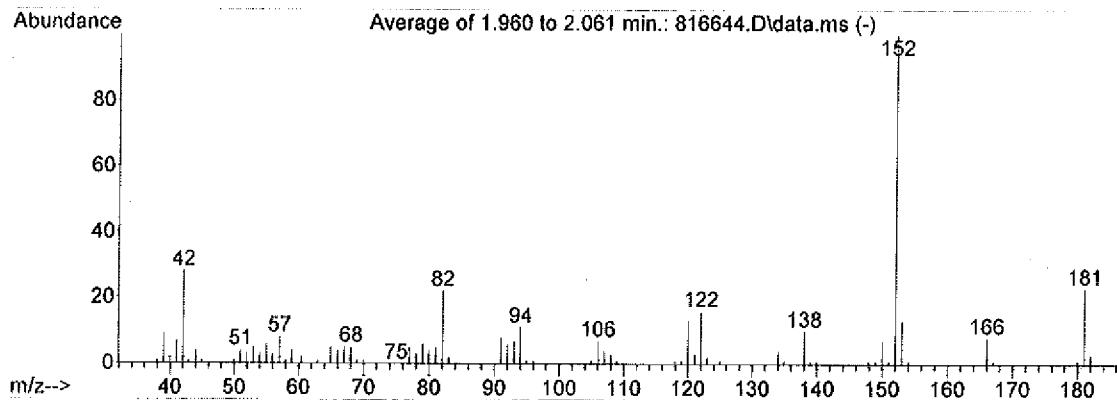
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4.672	225591	60.55	100.00

## Information from Data File:

File Name : K:\02\_15\_12\816644.D  
Operator : KAC  
Date Acquired : 16 Feb 2012 16:58  
Sample Name : COCAINE STD  
Submitted by :  
Vial Number : 80  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
C:\Database\NIST08.L Minimum Quality: 80  
C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	2.00	C:\Database\NIST08.L		
		Ecgonidine, methyl ester	127379-24-2	98
		2-Carbomethoxy-8-methyl-8-azabicycl	043021-26-7	93
		3,5-Dimethoxyphenethylamine	003213-28-3	46

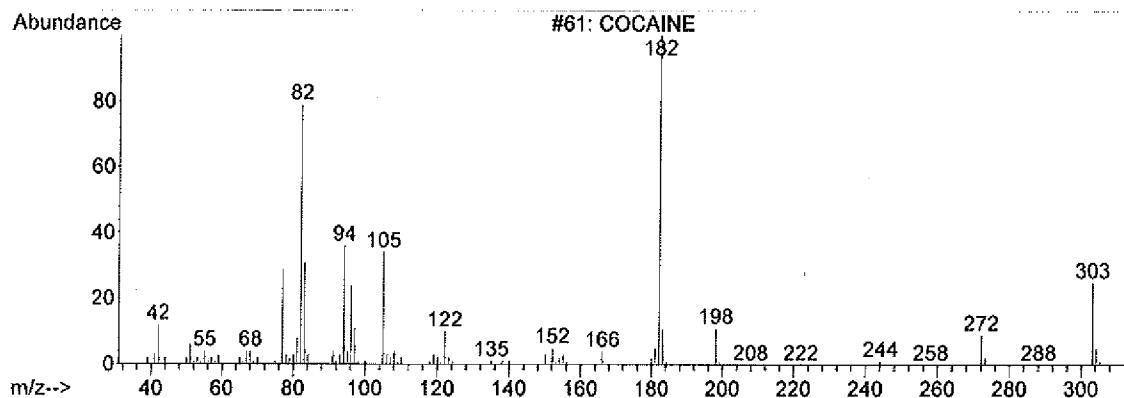
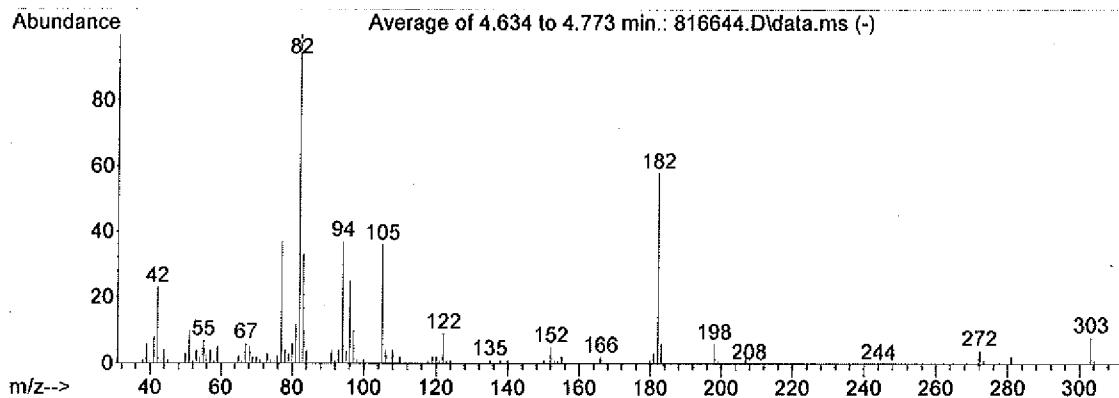


## Information from Data File:

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Operator : KAC  
Date Acquired : 16 Feb 2012 16:58  
Sample Name : COCAINE STD  
Submitted by :  
Vial Number : 80  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

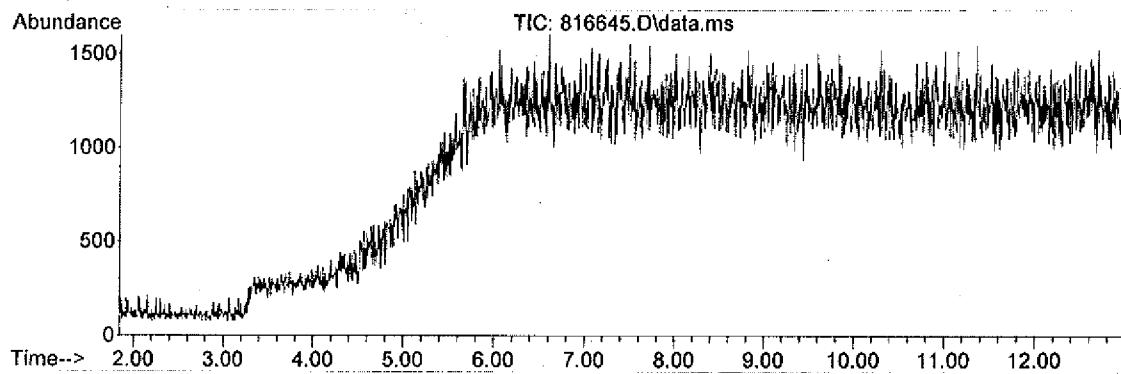
Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
C:\Database\NIST08.L Minimum Quality: 80  
C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
2	4.67	C:\Database\SLI.L		
		COCAINE	000050-36-2	99
		COCAINE	000050-36-2	99
		COCAINE	000050-36-2	98



## Information from Data File:

File Name : K:\02\_15\_12\816645.D  
Operator : KAC  
Date Acquired : 16 Feb 2012 17:14  
Sample Name : BLANK  
Submitted by : HLL  
Vial Number : 2  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

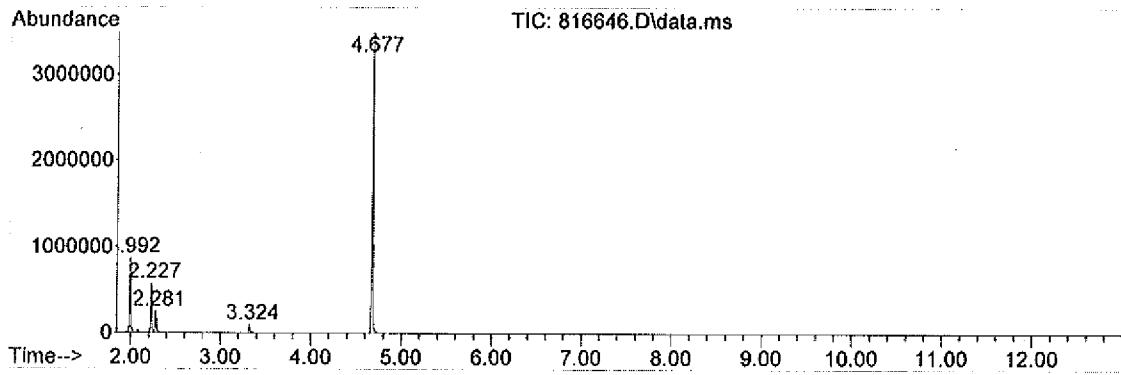


Ret. Time	Area	Area %	Ratio %
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\*\*\*NO INTEGRATED PEAKS\*\*\*

## Information from Data File:

File Name : K:\02\_15\_12\816646.D  
Operator : KAC  
Date Acquired : 16 Feb 2012 17:30  
Sample Name : XXXXXXXXXX  
Submitted by : HLL  
Vial Number : 100  
AcquisitionMeth: DRUGS.M  
Integrator : RTE



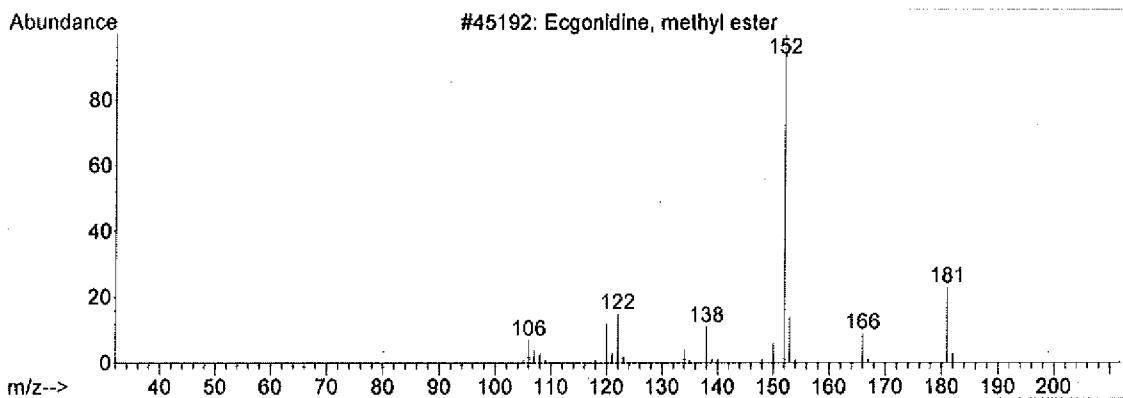
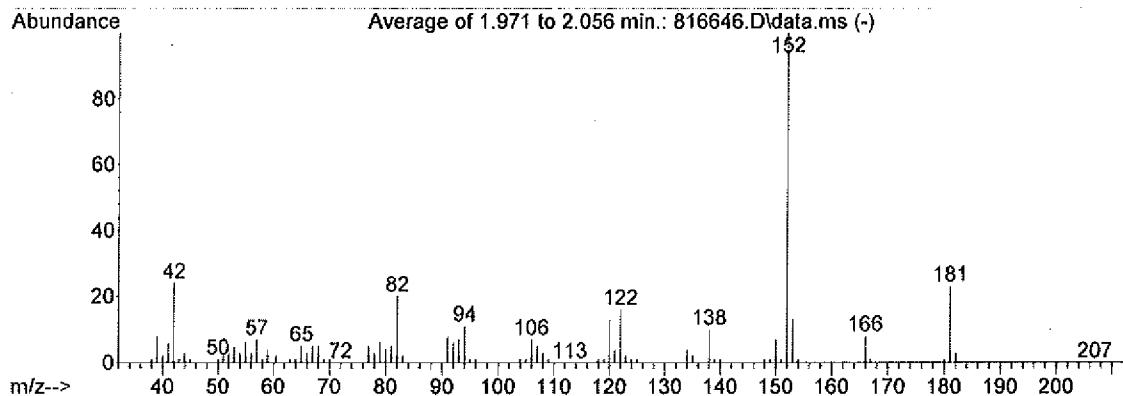
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2.227	480715	10.43	16.36
2.281	278656	6.04	9.49
3.324	102844	2.23	3.50
4.677	2937684	63.73	100.00

## Information from Data File:

File Name : K:\02\_15\_12\816646.D  
Operator : KAC  
Date Acquired : 16 Feb 2012 17:30  
Sample Name : XXXXXXXXXX  
Submitted by : HLL  
Vial Number : 100  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
C:\Database\NIST08.L Minimum Quality: 80  
C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	1.99	C:\Database\NIST08.L		
		Ecgonidine, methyl ester	127379-24-2	98
		2-Carbomethoxy-8-methyl-8-azabicycl	043021-26-7	95
		3,5-Dimethoxyphenethylamine	003213-28-3	47

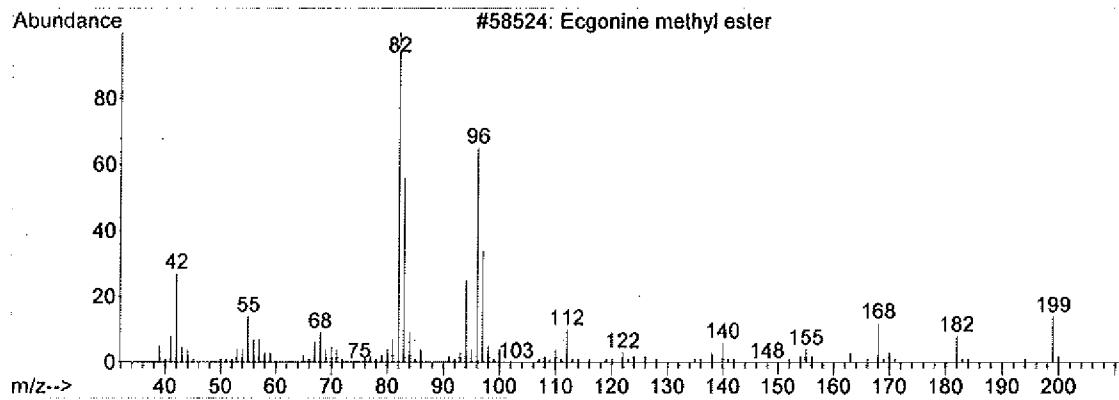
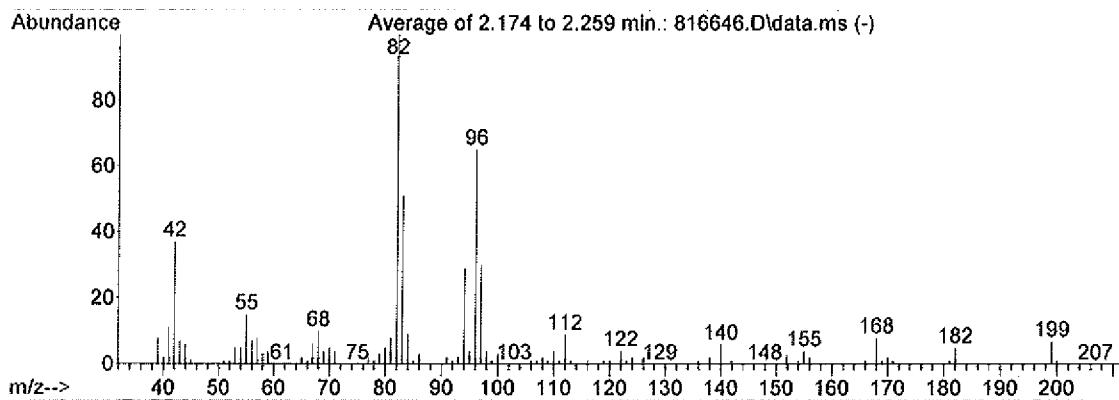


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File Name : K:\02\_15\_12\816646.D  
Operator : KAC  
Date Acquired : 16 Feb 2012 17:30  
Sample Name : XXXXXXXXXX  
Submitted by : HLL  
Vial Number : 100  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
C:\Database\NIST08.L Minimum Quality: 80  
C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
2	2.23	C:\Database\NIST08.L		
		Ecgonine methyl ester	106293-60-1	97
		Ecgonine methyl ester	106293-60-1	96
		Ecgonine methyl ester	106293-60-1	95

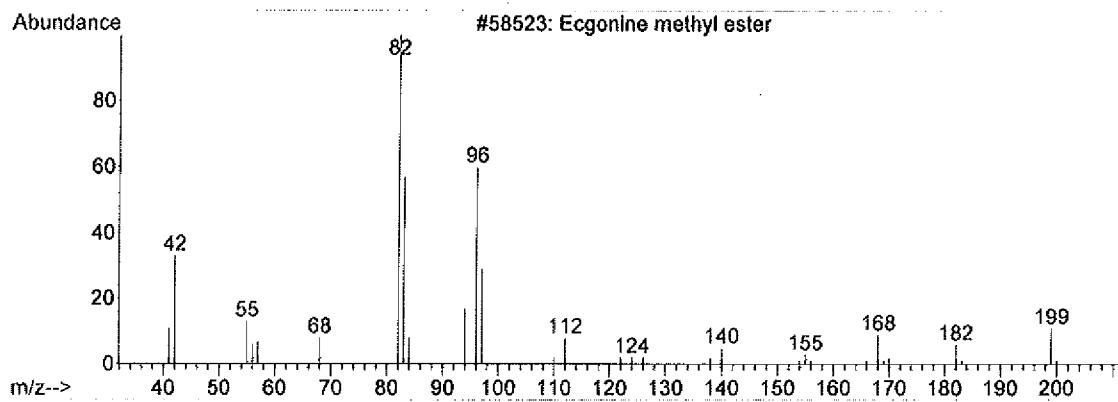
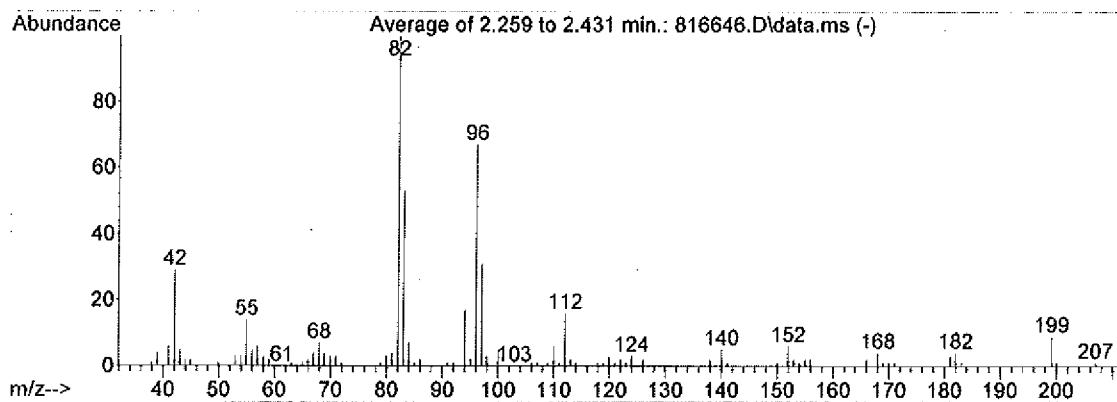


## Information from Data File:

File Name : K:\02\_15\_12\816646.D  
Operator : KAC  
Date Acquired : 16 Feb 2012 17:30  
Sample Name : XXXXXXXXXX  
Submitted by : HLL  
Vial Number : 100  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
C:\Database\NIST08.L Minimum Quality: 80  
C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
3	2.28	C:\Database\NIST08.L		
		Ecgonine methyl ester	106293-60-1	94
		Pseudoecgonine methyl ester	099189-88-5	94
		Ecgonine methyl ester	106293-60-1	90

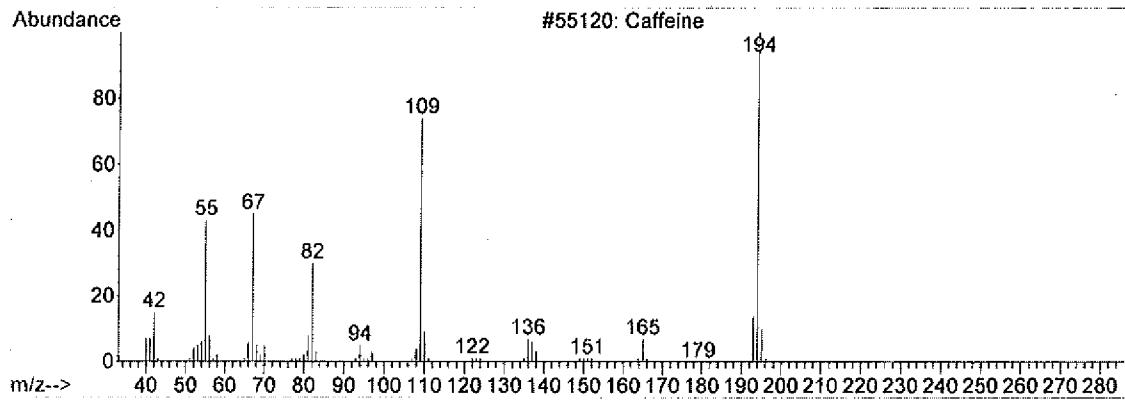
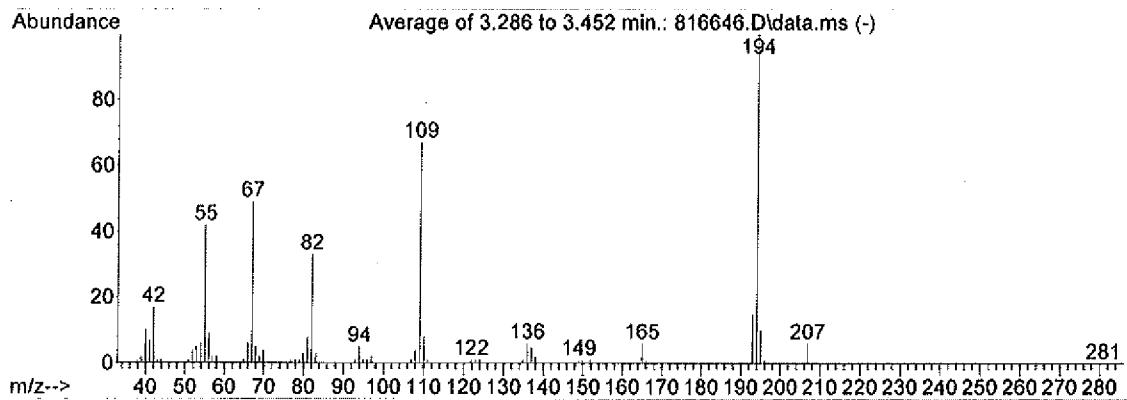


## Information from Data File:

File Name : K:\02\_15\_12\816646.D  
Operator : KAC  
Date Acquired : 16 Feb 2012 17:30  
Sample Name : XXXXXXXXXX  
Submitted by : HLL  
Vial Number : 100  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
C:\Database\NIST08.L Minimum Quality: 80  
C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
4	3.32	C:\Database\NIST08.L		
		Caffeine	000058-08-2	98
		Caffeine	000058-08-2	98
		Caffeine	000058-08-2	96

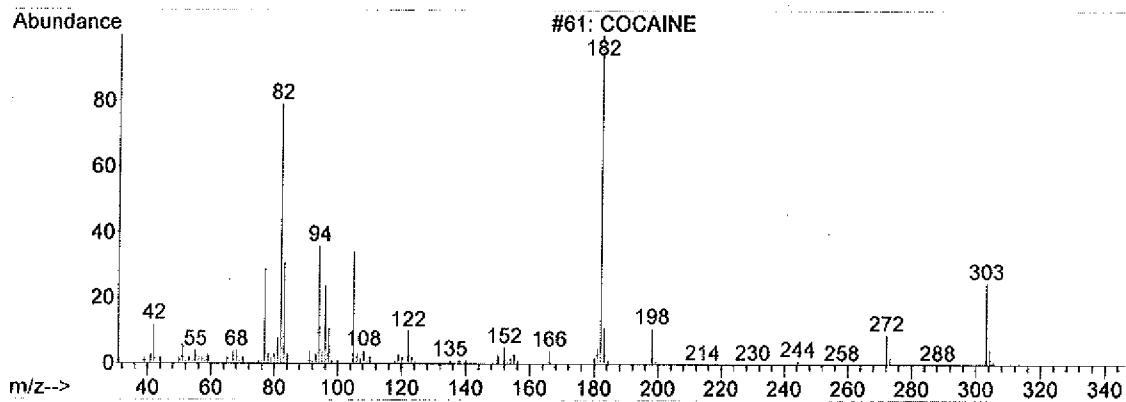
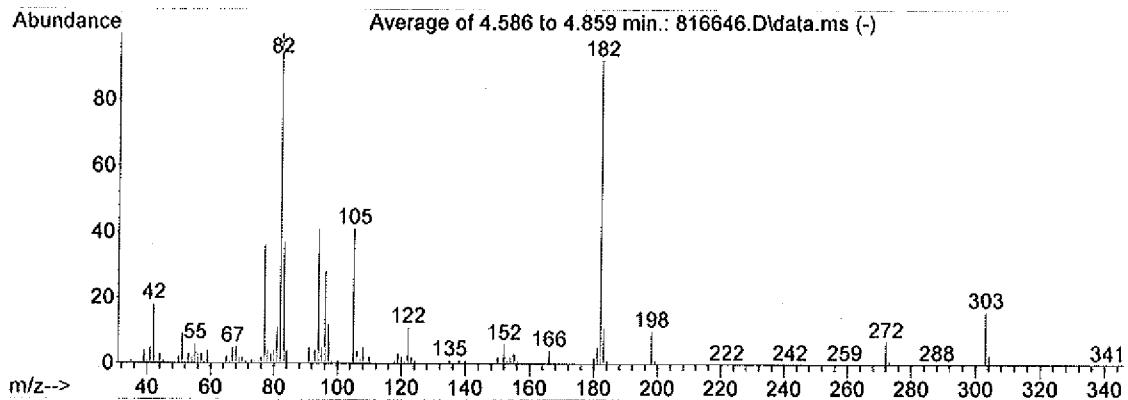


## Information from Data File:

File Name : K:\02\_15\_12\816646.D  
Operator : KAC  
Date Acquired : 16 Feb 2012 17:30  
Sample Name : XXXXXXXXXX  
Submitted by : HLL  
Vial Number : 100  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

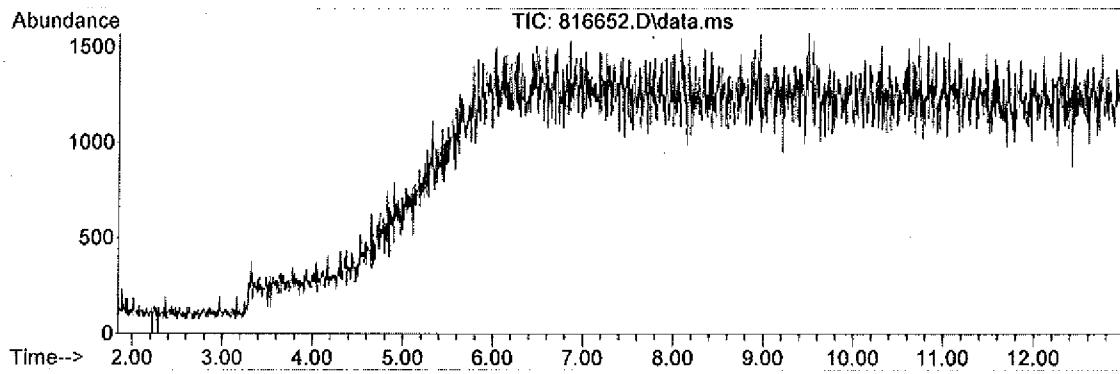
Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
C:\Database\NIST08.L Minimum Quality: 80  
C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
5	4.68	C:\Database\SLI.L		
		COCAINE	000050-36-2	99
		COCAINE	000050-36-2	99
		COCAINE	000050-36-2	99



## Information from Data File:

File Name : K:\02\_15\_12\816652.D  
Operator : KAC  
Date Acquired : 16 Feb 2012 19:06  
Sample Name : BLANK  
Submitted by :  
Vial Number : 2  
AcquisitionMeth: DRUGS.M  
Integrator : RTE



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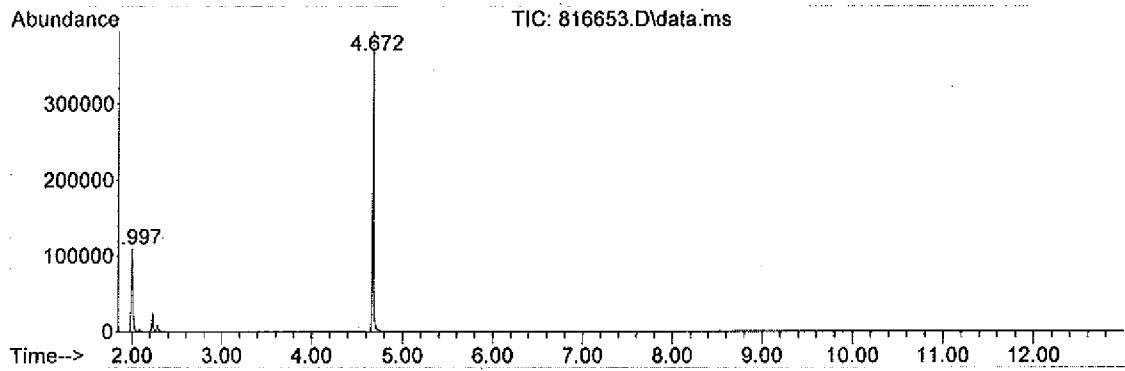
Ret. Time	Area	Area %	Ratio %
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\*\*\*NO INTEGRATED PEAKS\*\*\*

## Information from Data File:

File Name : K:\02\_15\_12\816653.D  
Operator : KAC  
Date Acquired : 16 Feb 2012 19:22  
Sample Name : COCAINE STD  
Submitted by :  
Vial Number : 80  
AcquisitionMeth: DRUGS.M  
Integrator : RTE



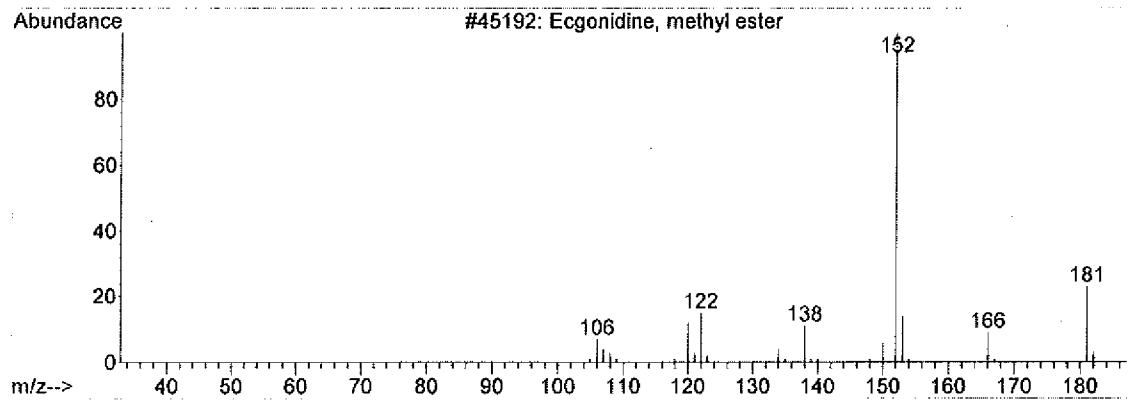
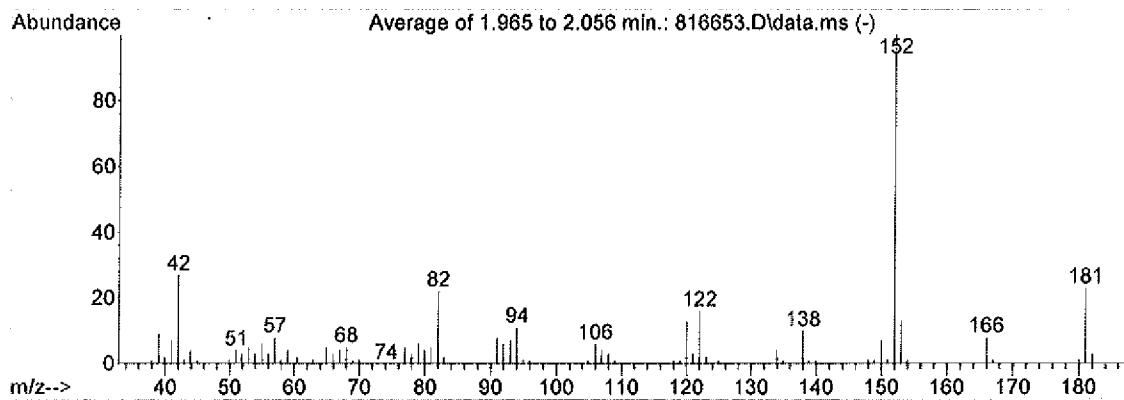
Ret. Time	Area	Area %	Ratio %
1.997	135215	29.55	41.95
4.672	322339	70.45	100.00

## Information from Data File:

File Name : K:\02\_15\_12\816653.D  
Operator : KAC  
Date Acquired : 16 Feb 2012 19:22  
Sample Name : COCAINE STD  
Submitted by :  
Vial Number : 80  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
C:\Database\NIST08.L Minimum Quality: 80  
C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	2.00	C:\Database\NIST08.L		
		Ecgonidine, methyl ester	127379-24-2	98
		2-Carbomethoxy-8-methyl-8-azabicycl	043021-26-7	93
		5-Methyl-2-nitroaniline	000578-46-1	43



## Information from Data File:

File Name : K:\02\_15\_12\816653.D  
Operator : KAC  
Date Acquired : 16 Feb 2012 19:22  
Sample Name : COCAINE STD  
Submitted by :  
Vial Number : 80  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
C:\Database\NIST08.L Minimum Quality: 80  
C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
2	4.67	C:\Database\SLI.L		
		COCAINE	000050-36-2	99
		COCAINE	000050-36-2	99
		COCAINE	000050-36-2	99

